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(54) Title: VIRULENCE-ASSOCIATED ADHESINS

(57) Abstract: Virulence-associated antigens involved in adhesion have been identified in several organisms: Haemophilus influenzae biogroup aegyptius; Escherichia coli K1; EHEC E.coli; Actinobacillus actinomycetemcomitans; Haemophilus somnus; Haemophilus ducreyi; EPEC E. coli; EA EC E. coli; uropathogenic E.coli; Shigella flexneri; Brucella melitensis; Brucella suis; Ralstonia solanacearum; Sinorhizobium meliloti; Bradorhizobium japonicum; and Burkholderia fungorum. Although the degree of sequence identity between the adhesins is low, they share a common arrangement of domains from N-terminus to C-terminus, namely: a leader peptide; a globular head; a coiled-coil region; and a transmembrane anchor region.



WO 2004/113371 A3